

TRANSLUCENT ACID ETCHED GLASS

SatinDeco

Superior Satin Glass for Privacy & Decoration

- **Smooth, perfectly uniform finish**
- **Translucent obscurity provides privacy**
- **Disperses light allowing natural daylight**
- **Advanced durability**

GUARDIAN offers SatinDeco a translucent acid etched glass, which allows uniform, diffused light, to provide a combination of privacy and natural daylight. The advanced technique used to produce SatinDeco provides a perfectly uniform surface which is far more robust, than other translucent glasses. The smooth and silky surface helps to prevent marks from grease or dirt, making this the perfect option for applications where privacy and light are a necessity.

SatinDeco is the modern alternative to pattern glass, offering a sleek finish which suits the demands of modern day design in interior, exterior, or decorative applications.

PRODUCT DESCRIPTION

SatinDeco can be used either on its own as monolithic glass, ideal for decorative applications and interior fittings, or it can be fabricated into a insulated glass unit combined with coated glasses to produce high performance glazing which utilises the perfect combination of privacy with thermal insulation and/or solar control.



TECHNICAL DATA / PERFORMANCE TABLE

Insulating glass unit	Coating on glazing surface	Gas filling *	Light Transmission [%]	Light Reflection [%]	Solar Factor (g) EN 410 [%]	U-Value EN 673 (15K) W/(m ² K)
6	N/A	N/A	89	7	83	5.7
10	N/A	N/A	82	8	76	5.6
4-16-4*	3	Argon	75	14	65	1.2
6-16-4**	3	Argon	68	18	49	1.0
4-14-4-14-4*	3 + 5	Argon	66	19	53	0.7

*4/16/4 Configuration use ClimaGuard A Low E

**6/16/4 Configuration ClimaGuard 1.0 Low E

APPLICATIONS

There are many applications for SatinDeco, and the most innovative uses can bring any design to life. Some suggested applications are:

AVAILABILITY

SatinDeco is available in standard sizes up to Jumbo (3210 x 6000mm), in thicknesses from 3 to 15mm. It can also be supplied laminated for safety, security and sound control, or it can be supplied with mirror backing to produce an unparalleled design material.

- Windows
- Conservatories
- Furniture
- Interior Fittings
- Doors
- Sky lights
- Partitions
- Floors
- Cladding
- Walls

PROCESSING

SatinDeco can be processed similarly to float glass, however added attention is required throughout handling and processing to ensure the acid etch surface isn't damaged. SatinDeco can be cut to size, heat treated, bent, screen printed, laminated, drilled, notched, polished, brilliant cut, and included in insulating glass units.

STANDARDS

EN 410:2011 - Glass in building. Determination of luminous and solar characteristics of glazing

EN 673:2011 - Glass in building. Determination of thermal transmittance (U value). Calculation method

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Reference code: PI / SatinDeco® / GB-UK / 02-13

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